6 Electrical Parts List

6-1 Main PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
CIS	BN44-00053A	ADAPTOR	DPA30L,150S,100-240VAC,47 - 63 HZ,12VDC/3.3VDC,2A/2A,-,30.6,AC-DC,-10~40C,-,-	
CIS	BN72-00209A	SUPPORT-POWER	GH15LS,ABS+PC,GR37,-,5V,-,-,-	SNA
CIS	BN75-00176A	UNIT-SHIELD/DSUB	GH15LS,-,SPTE T0.5,-,-,-,-	SNA
CIS	BN70-00204A	SHIELD-D/SUB	-,SPTE,-,T0.5,-,-,-,-,-	SNA
CIS	BN71-00024A	EARTH-PLATE	GH17LS,SUS,T0.15,-,-,-	SNA
CN101	3711-004853	CONNECTOR-HEADER	BOX,7P,1R,2MM,ANGLE,SN,WHT	SNA
CN102	3701-001219	CONNECTOR-DSUB	15P,3R,FEMALE,ANGLE,AUF	
IC301	0903-001194	IC-MICROCONTROLLER	3P863,8Bit,SDIP,42P,600MIL,12MHz,ST,CMOS,PLASTIC,5V,-,-40to+85C,1040BYTE,48KBYTE	SNA
IC301_SOCK	3704-001071	SOCKET-IC	42P,DIP,SN,1.778mm	
CIS	BN46-00008L	MICOM-S/W,GOGH	GH15LS,-,-,-,-,-,-	SNA
BD181	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD182	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD183	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD201	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD205	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD206	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD301	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD302	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD303	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD304	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
C101	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C102	2402-001044	C-AL,SMD	100uF,20%,25V,-,TP,8.3x8.3x6.3	
C103	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C104	2402-000168	C-AL,SMD	100uF,20%,16V,GP,TP,8.3x8.3x6.3mm	
C105	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C106	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C112	2409-001029	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	
C131	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C132	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C133	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C134	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C135	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C136	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C137	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C138	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C139	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C140	2402-000168	C-AL,SMD	100uF,20%,16V,GP,TP,8.3x8.3x6.3mm	
C141	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C142	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C143	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C144	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C145	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C146	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C147	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C148	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C149	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C150	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C151	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C152	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C153	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C154	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C155	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C156	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C157	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C159	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C160	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C161	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C162	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C163	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C164	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C165	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	

Loc. No.	Code No.	Description	Specification	Remarks
C166	2203-000280	C-CERAMIC,CHIP	0.01nF,0.5pF,50V,NP0,TP,1608	
C167	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	
C168	2203-000236	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,1608	
C169	2203-000236	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,1608	
C170	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C171	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C172	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C173	2203-000280	C-CERAMIC,CHIP	0.01nF,0.5pF,50V,NP0,TP,1608	
C187	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C188	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C189	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C211	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C215	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C216	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C217	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C223	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C227	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C228	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C229	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C230	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C232	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C301	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C302	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C303	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C304	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C311	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	
C312	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	
C313	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C371	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C372	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C373	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C374	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C375	2203-000236	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,1608	
CN201	3711-003161	CONNECTOR-HEADER	BOX,20P,1R,1.25mm,ANGLE,SN	SNA
CN301	3711-000556	CONNECTOR-HEADER	BOX,12P,1R,1.25mm,SMD-A,SN	SNA
CN302	3711-002049	CONNECTOR-HEADER	BOX,6P,1R,1.25mm,SMD-A,SN	SNA
D131	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D132	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D133	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D301	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D302	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
FT110	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT111	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT112	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT113	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT114	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT901	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT902	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT903	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT904	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT905	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT906	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
IC102	1203-001488	IC-POSI.FIXED REG.	7805,T0-252,3P,-,PLASTIC,4.8/5	
IC105	1003-001377	IC-LCD CONTROLLER	GMZAN1,QFP,160P,1102MIL,SINGLE,-,TR,PLASTIC,3.47V,0TO+70C,1.8W,-,LCD CONTROLLER	
IC108	0803-000122	IC-TTL	74F125,BUFFER,SOP,14P,150MIL,Q	
IC251	1205-001740	IC-TRANSMITTER	DS90C385,TSSOP,56P,240MIL,PLASTIC,4V,1.63W,-10 TO +70C,ST,FPD LINK-85MHZ(LVDS)	
IC371	1103-001023	IC-EEPROM	524C80D81,1028x8Bit,SOP,8P,150MIL,10mS,5V,10%,PLASTIC,0to+70C,110uA,CMOS,TP	
IC372	1103-001164	IC-EEPROM	24LC21A,128X8BIT,SOP,8P,150MIL,-,5V,10%,PLASTIC,0 TO +70C,100UA,CMOS,TP	
MP1.0	BN41-00088A	PCB MAIN	GH15L/M,FR-4,4,-,1.6,120*110*1.6,-,-,-,-	SNA
Q102	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q103	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	

Loc. No.	Code No.	Description	Specification	Remarks
Q104	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q105	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q106	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q107	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q311	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q312	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
R102	2007-000090	R-CHIP	10KOHM,5%,1/16W,DA,TP,1608	
R104	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R106	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R107	2007-000090	R-CHIP	10KOHM,5%,1/16W,DA,TP,1608	
R108	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R109	2007-000090	R-CHIP	10KOHM,5%,1/16W,DA,TP,1608	
R110	2007-000090	R-CHIP	10KOHM,5%,1/16W,DA,TP,1608	
R113	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R114	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R115	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R117	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R118	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R119	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R120	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R121	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R122	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R123	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R124	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R125	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R185	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R186	2007-000090	R-CHIP	10KOHM,5%,1/16W,DA,TP,1608	
R187	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R188	2007-000090	R-CHIP	10KOHM,5%,1/16W,DA,TP,1608	
R189	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R190	2007-000090	R-CHIP	10KOHM,5%,1/16W,DA,TP,1608	
R203	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R204	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R205	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R207	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R301	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R314	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R316	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R317	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R320	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R321	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R322	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R323	2007-000109	R-CHIP	1Mohm,5%,1/16W,DA,TP,1608	
R324	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R325	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R326	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R327	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R329	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R330	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R334	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R335	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R336	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R337	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R338	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R339	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R340	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R341	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R343	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R344	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R345	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R346	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R347	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R348	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R349	2007-000075	R-CHIP	220ohm,5%,1/16W,DA,TP,1608	
R350	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R351	2007-000120	R-CHIP	680ohm,5%,1/16W,DA,TP,1608	
R362	2007-000090	R-CHIP	10KOHM,5%,1/16W,DA,TP,1608	
R371	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R372	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R373	2007-000092	R-CHIP	15Kohm,5%,1/16W,DA,TP,1608	
R374	2007-000092	R-CHIP	15Kohm,5%,1/16W,DA,TP,1608	
R375	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R376	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R377	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R378	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R381	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R901	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R902	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R903	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R904	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R905	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R910	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R911	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R912	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R913	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R918	2007-000092	R-CHIP	15Kohm,5%,1/16W,DA,TP,1608	
R919	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R973	2007-000075	R-CHIP	220ohm,5%,1/16W,DA,TP,1608	
R974	2007-000120	R-CHIP	680ohm,5%,1/16W,DA,TP,1608	
R975	2007-000090	R-CHIP	10KOHM,5%,1/16W,DA,TP,1608	
R976	2007-000090	R-CHIP	10KOHM,5%,1/16W,DA,TP,1608	
RA130	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA131	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA132	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA133	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA134	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA136	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA137	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RC201	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
RC202	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
RC203	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
RC204	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
RC205	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
RC206	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
RC207	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
X100	2801-003755	CRYSTAL-SMD	20MHZ,30PPM,28-AAN,20PF,50OHM,TP	
X311	2801-003773	CRYSTAL-SMD	12MHZ,30PPM,28-AAN,20PF,50OHM,TP	
ZD181	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD182	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD183	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD184	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD185	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	

6-2 Others

Loc. No.	Code No.	Description	Specification	Remarks
-	BN95-00225A	ASSY MANUAL	GH15LS,-,-,-	GH15LS
-	BN95-00234A	ASSY MANUAL	GH15MS,-,-,-	GH5MS
	BN95-00254A	ASSY MANUAL	GH15ES,-,-,-	GH15ES
CIS	BN07-00026A	LCD	LTM150XH-L01,CZB,8BIT,331.6*254.76*12.5,16.19M,-,0.297*0.297,-,-,AMLCD/1 LVDS,-	GH15LS/ES/MS
CIS	BN44-00056A	INVERTER	GOGH,SIC1542,48KHZ,12VDC,1.5MARMS,5.6MARMS,48KHZ,37*140*16.0,4LAMP,40~56KV,-,SIC	GH15LS/ES/MS
CIS	BN44-00053A	ADAPTOR	DPA30L,150S,100-240VAC,47 - 63 HZ,12VDC/3.3VDC,2A/2A,-,30.6,AC-DC,-10~40C,-,-	GH15LS/ES/MS
M/PCB+PAN	BN39-00036A	CBF-HARNESS	20P,150MM,BLU/GRY/WHT,UL1571,AWG30,DF14-20S-1.25C	GH15LS/ES/MS
IN/PCB+M/PCB	BN39-00161A	CBF HARNESS	GH15LS,UL/CSA,UL1061#28,12P/12P,160MM,WHT,AWG28,51021-1200,51021-1200,-,-,1.25MM	GH15LS/ES/MS
CIS	BN39-00114A	CBF SIGNAL	NL15MO,15P/15P,2990,1830MM,UL2990,IVORY,D-SUB/MALE,-,-,-	GH15LS/ES/MS
-	BN59-00167A	PBA SUB-FUNCTION	GH15MS,GH15_FUNCTION,-,-,-,-,-	GH15LS/ES/MS
-	BN59-00168A	PBA SUB-PHONE	GH15MS,GH15_PHONE,-,-,-,-,-	GH15MS
CIS	BN59-00169A	SPEAKER SYSTEM	GH15MS,-,-,-,-,-,-,-,RIGHT	GH15MS
CIS	BN59-00169B	SPEAKER SYSTEM	GH15MS,-,-,-,-,-,-,-,LEFT	GH15MS

6-3-1 Different Part List (GH15ES)

Location	Code	Spec.	Desc.
C190	2203-000236	C-CERAMIC,CHIP	100pF,5%,50V,NPO,TP,1608,-
C191	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4
C192	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608,-
C193	2203-005005	C-CERAMIC,CHIP	100nF,15%,16V,W5R,TP,1608,1.6m
C194	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608,-
IC109	1204-000292	IC-VIDEO SYSTEM	IC-VIDEO,LM1881M,SOP,8P,150MIL
R192	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608
R193	2007-001114	R-CHIP	680Kohm,5%,1/16W,DA,TP,1608
R195	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608

6-3-2 Different Part List (GH15MS)

Location	Code	Spec.	Desc.
C190	2203-000236	C-CERAMIC,CHIP	100pF,5%,50V,NPO,TP,1608,-
C191	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4
C192	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608,-
C193	2203-005005	C-CERAMIC,CHIP	100nF,15%,16V,W5R,TP,1608,1.6m
C194	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608,-
C401	2203-005015	C-CERAMIC,CHIP	150nF,+80-20%,16V,Y5V,TP,1608
C402	2203-005015	C-CERAMIC,CHIP	150nF,+80-20%,16V,Y5V,TP,1608
C403	2203-000236	C-CERAMIC,CHIP	100pF,5%,50V,NPO,TP,1608,-
C404	2203-000236	C-CERAMIC,CHIP	100pF,5%,50V,NPO,TP,1608,-
C405	2402-000168	C-AL,SMD	100uF,20%,16V,-,8.3x8.3x6.2mm,
C406	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4
C407	2203-005005	C-CERAMIC,CHIP	100nF,15%,16V,W5R,TP,1608,1.6m
C408	2203-005005	C-CERAMIC,CHIP	100nF,15%,16V,W5R,TP,1608,1.6m
C409	2402-000168	C-AL,SMD	100uF,20%,16V,-,8.3x8.3x6.2mm,
C410	2401-001363	C-AL	470uF,20%,16V,GP,10x12.5mm,5mm
C412	2401-001363	C-AL	470uF,20%,16V,GP,10x12.5mm,5mm
C416	2402-000179	C-AL,SMD	47uF,20%,16V,GP,TP,6.3x5.4
C420	2402-000147	C-AL,SMD	33uF,20%,25V,-,TP,6.3x5.2,-
CN401	3711-004270	CONNECTOR-HEADER	BOX,2P,1R,2MM,ANGLE,SN
CN402	3711-004386	CONNECTOR-HEADER	BOX,3P,1R,2mm,ANGLE,SN
FT401	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-
FT402	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-
IC109	1204-000292	IC-VIDEO SYSTEM	IC-VIDEO,LM1881M,SOP,8P,150MIL
IC401	1204-001833	IC-VOLUME CONTROL	TDA7496L,DIP,20P,-,PLASTIC,26V
Q401	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1
Q403	0505-000275	FET-SILICON	SI4435DY,P,-30V,+-8.0A,0.02ohm
R192	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608
R193	2007-001114	R-CHIP	680Kohm,5%,1/16W,DA,TP,1608
R195	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608
R361	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608
R380	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608
R401	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608
R402	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608
R403	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608
R404	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608
R405	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608
R406	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608
R412	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608
R413	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608
R414	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608
ZD401	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S
ZD402	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S